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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/10815

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L25/02		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>BALTERSEE J ET AL: "Performance analysis of phasor estimation algorithms for a FDD-UMTS RAKE receiver" IEEE 6TH INT. SYMPOSIUM ON SPREAD SPECTRUM TECH. AND APPL., vol. 2, 6 September 2000 (2000-09-06), pages 476-480, XP010516624 USA abstract page 476, left-hand column, paragraph 2</p>	1-4, 8, 16-20, 24, 32, 33
Y	<p>page 476, right-hand column, paragraph 3</p>	5, 10, 12, 21, 26, 28
A	<p>page 478, left-hand column, paragraph 1</p>	6, 22 -/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input type="checkbox"/> Patent family members are listed in annex.
* Special categories of cited documents : <ul style="list-style-type: none"> "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "U" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 		
Date of the actual completion of the international search 21 July 2004		Date of mailing of the international search report 29/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax (-31-70) 340-3016		Authorized officer Litton, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SEEGER A ET AL: "Antenna weight verification for closed-loop downlink eigenbeamforming" GLOBECON'02. 2002 - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. CONFERENCE PROCEEDINGS. TAIPEI, TAIWAN, NOV. 17 - 21, 2002, IEEE GLOBAL TELECOMMUNICATIONS CONFÉRENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3, 17 November 2002 (2002-11-17), pages 982-986, XP010636096 ISBN: 0-7803-7632-3 abstract</p>	5,10,12, 21,26,28
A	<p>page 982, right-hand column, paragraph 3 page 983, left-hand column, paragraph 4 page 983, right-hand column, paragraph 6 page 984, left-hand column, paragraph 2</p>	1,17,32
A	<p>YLITALO J: "Channel estimation study of CDMA downlink for fixed beam BTS" IEEE, vol. 1, 15 September 2002 (2002-09-15), pages 242-246, XP010614223 abstract</p>	1,17,32